

## EAST Search History

Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
S1	5	((("20020163514") or ("20020047565") or ("6147617") or ("20020014851") or ("20040164939")).PN.	US-PGPUB; USPAT	OR	OFF	2007/03/08 11:13
S2	471	345/44-46.ccls.	US-PGPUB; USPAT	OR	ON	2007/03/12 14:05
S3	606	345/55.ccls.	US-PGPUB; USPAT	OR	ON	2007/03/08 11:13
S4	1038	345/82-83.ccls.	US-PGPUB; USPAT	OR	ON	2007/03/12 10:33
S5	297	345/207.ccls.	US-PGPUB; USPAT	OR	ON	2007/03/08 11:14
S6	278	345/214.ccls.	US-PGPUB; USPAT	OR	ON	2007/03/08 11:14
S7	880944	(malfunction (abnormal near5 condition) fail failure misfunction)	US-PGPUB; USPAT	OR	ON	2007/03/12 10:46
S8	355	S7 and (S2 S3 S4 S5 S6)	US-PGPUB; USPAT	OR	ON	2007/03/08 11:22
S9	7818950	@pd<="20040421"	US-PGPUB; USPAT	OR	ON	2007/03/12 14:08
S10	204	S8 and S9	US-PGPUB; USPAT	OR	ON	2007/03/08 11:22
S11	32207	detect near5 (malfunction (abnormal near5 condition) fail failure misfunction)	US-PGPUB; USPAT	OR	ON	2007/03/08 11:21
S12	98261	(detect\$3 discover\$3 find\$3 notic\$3 observ\$3 sens\$3) near5 (malfunction (abnormal near5 condition) fail failure misfunction)	US-PGPUB; USPAT	OR	ON	2007/03/08 11:21
S13	40	S12 and (S2 S3 S4 S5 S6)	US-PGPUB; USPAT	OR	ON	2007/03/08 11:22
S14	27	S13 and S9	US-PGPUB; USPAT	OR	ON	2007/03/08 11:23
S15	13	S13 not S14	US-PGPUB; USPAT	OR	ON	2007/03/08 11:30
S16	315	S8 not S13	US-PGPUB; USPAT	OR	ON	2007/03/08 11:31
S17	177	S16 and S9	US-PGPUB; USPAT	OR	ON	2007/03/08 11:31
S18	606	345/55.ccls.	US-PGPUB; USPAT	OR	ON	2007/03/12 10:33
S19	3110	345/76-83.ccls.	US-PGPUB; USPAT	OR	ON	2007/03/12 10:33

## EAST Search History

S20	297	345/207.ccls.	US-PGPUB; USPAT	OR	ON	2007/03/12 10:33
S21	278	345/214.ccls.	US-PGPUB; USPAT	OR	ON	2007/03/12 10:34
S22	511	(charge same discharge) and (S18 S19 S20 S21)	US-PGPUB; USPAT	OR	ON	2007/03/12 10:35
S23	64	((charge same discharge) same step) and (S18 S19 S20 S21)	US-PGPUB; USPAT	OR	ON	2007/03/12 10:36
S24	140	(discharge same step) and (S18 S19 S20 S21)	US-PGPUB; USPAT	OR	ON	2007/03/12 10:37
S25	7818950	@pd<="20040421"	US-PGPUB; USPAT	OR	ON	2007/03/12 10:36
S26	81	S24 and S25	US-PGPUB; USPAT	OR	ON	2007/03/12 10:36
S27	101	(discharge with step) and (S18 S19 S20 S21)	US-PGPUB; USPAT	OR	ON	2007/03/12 10:46
S28	63	S27 and S25	US-PGPUB; USPAT	OR	ON	2007/03/12 10:37
S29	36178	(discharge with step)	US-PGPUB; USPAT	OR	ON	2007/03/12 10:46
S30	539	(malfunction (abnormal near5 condition) fail failure misfunction) same S29	US-PGPUB; USPAT	OR	ON	2007/03/12 10:47
S31	1	S30 and (S18 S19 S20 S21)	US-PGPUB; USPAT	OR	ON	2007/03/12 10:47
S32	22103	(malfunction (abnormal near5 condition) fail failure misfunction) same discharge	US-PGPUB; USPAT	OR	ON	2007/03/12 14:07
S33	25	S32 and (S18 S19 S20 S21)	US-PGPUB; USPAT	OR	ON	2007/03/12 10:48
S34	1	10/828293	US-PGPUB; USPAT	OR	ON	2007/03/12 14:06
S35	2373	315/169.3.ccls.	US-PGPUB; USPAT	OR	ON	2007/03/12 14:07
S36	22103	(malfunction (abnormal near5 condition) fail failure misfunction) same discharge	US-PGPUB; USPAT	OR	ON	2007/03/12 14:07
S37	53	S35 and S36	US-PGPUB; USPAT	OR	ON	2007/03/12 14:08
S38	7818950	@pd<="20040421"	US-PGPUB; USPAT	OR	ON	2007/03/12 14:08
S39	46	S37 and S38	US-PGPUB; USPAT	OR	ON	2007/03/12 14:08